

ABSTRACT OF THE DISCLOSURE

Catalyst activation of a platinum reforming catalyst system contained in a multiple reactor system by simultaneously reducing the catalyst with hydrogen while introducing a nonmetallic chlorine-containing compound into a reactor of the multiple reactor system in an amount to provide from about 0.05 to about 0.3 weight percent chlorine on the catalyst and thereafter purging the system with about 100 to about 50,000 cubic feet of hydrogen per cubic foot of catalyst resulting in a reforming system having increased activity and providing enhanced RON values with reduced cracking of feedstock.